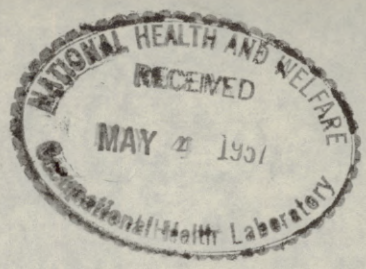
Dr. Ball

CANADA

DEPARTMENT
OF
MINES AND TECHNICAL SURVEYS



MINES BRANCH

Division of
Mineral Dressing
and
Process Metallurgy

QUOTE FILE

552 Booth Street,
Ottawa, Ontario,
May 2, 1955.

Dr. K. Kay,
Dept. National Health & Welfare,
200 Kent Street,
Ottawa.

Dear Dr. Kay,

Enclosed is our report of analysis on the samples of forage and water from Yellowknife, N.W.T. - our Lab. No. 1384 to 1410 and 1653 to 1672.

The arsenic was determined by the Gutzeit method.

Will you send for the balance of the water samples or do you wish us to send them to you?

Yours very truly,

R.A. Rogers

R.A. Rogers,
Chief Chemist,
for K.W. Downes,
Chief of Division.

DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MINES BRANCH

DIVISION OF
MINERAL DRESSING
AND PROCESS METALLURGY

CANADA

OTTAWA, April 29, 1955

REPORT OF ANALYSIS

Description of Sample: National Health and Welfare Forage Samples from Yellowknife.

LAB. No.	PRODUCT	%	%	%	%	%	%	OZS./TON	OZS.
		As p.p.m.							
1384	Plot 55	1730							
1385	" 56	3800							
1386	" 57	1520							
1387	" 58	1310							
1388	" 59	3875							
1389	" 60	280							
1390	" 61	775							
1391	" 62	1000							
1392	" 63	720							
1393	" 64	1680							
1394	" 65	1600							
1395	" 66	1680							
1396	" 67	976							
1397	" 68	527							
1398	" 70	920							
1399	" 71	418							
1400	" 72	440							
1401	" 73	248							
1402	" 74	412							
1403	" 75 345	345							

Duplicate determinations

D.J.Reed Chemist

DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MINES BRANCH

DIVISION OF
MINERAL DRESSING
AND PROCESS METALLURGY

CANADA

OTTAWA, April 29, 1955

REPORT OF ANALYSIS

Description of Sample: National Health and Welfare Forage and Water Samples from Yellowknife

LAB. No.	PRODUCT	% As p.p.m.	%	% Volume ml.	% VOL. PREVIOUSLY REMOVED BY JLM.	% TOTAL VOL. OF MELTED SNOW.	% SQ.FT. OF SNOW SAMPLED	OZS./TON TOTAL MGMS As IN SAMPLE	OZS./ MGMS As PER SQ.FT OF SNOW.
1404	Plot 76	750							
1405	" 77	380							
1406	" 80	597							
1407	" 81	333							
1408	" 82	400							
1409	" 94	2520							
1410	" 96	2040							
1653	Bottle 26	0.08		2315	35	2350	3	0.19	0.06
1654	" 27	4.0	✓	1980	20	2000	3	8.0	2.67
1655	" 28	9.0		1410	90	1500	1	13.5	13.50
1656	" 29	0.4		2350	50	2400	1	0.96	0
1657	" 30	1.0	✓	1930	20	1950	2	1.95	
1658	" 32	0.8	✓	3590	710	4300	2	3.44	
1659	" 33	1.9	✓	2485	65	2550	1	4.85	
1660	" 36	0.5		1435	65	1500	1	0.75	
1661	" 37	0.8		1550	50	1600	1	1.28	
1662	" 38	1.2		2450	125	2575	1	3.09	3.09
1663	" 39	0.3		2040	110	2150	1	0.65	0.65
1664	" 40	0.5		3470	30	3500	2	1.75	0.88

Duplicate determinations (1) (2) (3) (4) (5)

D.J. Reed Chemist

DEPARTMENT OF MINES AND TECHNICAL SURVEYS

MINES BRANCH

DIVISION OF
MINERAL DRESSING
AND PROCESS METALLURGY

CANADA

OTTAWA, April 29, 1955

REPORT OF ANALYSIS

Description of Sample: National Heal th and Welfare Water Samples from Yellowknife

LAB. No.	PRODUCT	% As p.p.m.	%	% Volume ml.	VOL PREVIOUSLY REMOVED % BY JLM	TOTAL VOL. OF MELTED SNOW %	SQ. FT OF SNOW % SAMPLED	TOTAL MGMS OZS./TON "As" IN SAMPLE	MGMS As OZS./TON PER SQ. FT OF SNOW
1665	Bottle 44	0.8		2290	60	2350	1	1.88	1.88
1666	" 45	0.3		1900	50	1950	1	0.59	0.59
1667	" 46	0.08		2940	60	3000	1	0.24	0.24
1668	" 47	less than 0.01		2390	110	2500	1	<0.03	<0.03
1669	" 48	0.8		2730	70	2800	1	2.24	2.24
1670	" 49	0.7		3580	70	3650	2	2.56	1.28
1671	" 52	0.3		2490	10	2500	1	0.75	0.75
1672	" 93	1.5		2240	60	2300	1	3.45	3.45
		(1)				(2)	(3)	(4)	(5)

Duplicate determinations

D.J. Reed Chemist

R.A. Rogers Chief Chemist